



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Serial No.: 09/082,167

Applicant (s): Lancaster

Filed: June 20, 1998

Title: **Semiconductor Non-Volatile Memory
Device Having an Improved Write
Speed**

Attorney Docket No.: NVX-0015

Group Art Unit: N/A

Examiner: N/A

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CERTIFICATION UNDER 37 C.F.R. §1.8

Assistant Commissioner for Patents
Washington, D.C. 20231

Dear Sir:

I hereby certify that the following is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Assistant Commissioner for Patents, Washington, D.C. 20231.

**REVOCATION OF POWER OF ATTORNEY AND
NEW POWER OF ATTORNEY**

Date of Deposit: NOVEMBER 4, 1999

Typed Name: **Bradley T. Sako**

Signature: *Bradley T. Sako*



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**REVOCATION OF POWER OF ATTORNEY AND
NEW POWER OF ATTORNEY**

Assistant Commissioner for Patents
Washington, D.C. 20231

Dear Sir:

Revocation of Power of Attorney

I hereby revoke all previous powers of attorney or authorizations of agent given in the above-identified application. A new power of attorney is submitted herewith.

New Power of Attorney

I hereby appoint:

Bradley T. Sako Reg. No. 37923

as an attorney/agent to transact all business in the U.S. Patent and Trademark Office connected with the above-referenced patent.

Change of Correspondence Address

Please change the correspondence address for the above-identified application to:

**Bradley T. Sako
302 N. Sunnyvale Ave.
Sunnyvale, CA 94086**



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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Certification Under 37 C.F.R. § 3.73(b)

APPLICANT/PATENT OWNER: **Cypress Semiconductor Corporation**

APPLICATION/PATENT NO.: **09/082,167**

FILING/ISSUE DATE: **June 20, 1998**

TITLE: **Semiconductor Non-Volatile Memory Device Having an Improved Write Speed**

Cypress Semiconductor Corporation, a Delaware Corporation states that it is the assignee of the entire right, title and interest in the patent application/patent identified above by virtue of a chain of title from the inventor(s) of the patent application/patent identified above, to the current assignee as shown below:

From: Loren T. Lancaster

To: NVX Corporation

The document was recorded in the Patent and Trademark Office at

Reel: 9194, Frame: 0823,

From: NVX Corporation

To: Cypress Semiconductor Corporation

for which a copy thereof is attached.

The undersigned (whose title is supplied below) is empowered to sign this statement on behalf of the assignee.

Nov. 3, 1999
Date

Andrew D. Fortney
Signature

Andrew D. Fortney
Typed or Printed Name

Senior Corporate Counsel/Director of Intellectual Property
Title

FORM PTO-1619A

Expires 06/30/99
0651-0027U.S. Department of Commerce
Patent and Trademark Office
PATENT**RECORDATION FORM COVER SHEET
PATENTS ONLY**

The Commissioner of Patents and Trademarks: Please record the attached original document(s) or copy(ies).

Submission Type

- ☒ New
- ☐ Resubmission (Non-Recordation)
Document ID#
- ☐ Correction of PTO Error
Reel # Frame #
- ☐ Corrective Document
Reel # Frame #

Conveyance Type

- ☒ Assignment ☐ Security Agreement
- ☐ License ☐ Change of Name
- ☐ Merger ☐ Other
- U.S. Government**
(For Use ONLY by U.S. Government Agencies)
- ☐ Departmental File ☐ Secret File

Conveying Party(ies)☐ Mark if additional names of conveying parties attachedName (line 1) Lancaster, Loren T.Execution Date
Month Day Year
 07231999Name (line 2) **Second Party**Name (line 1) Hirose, Ryan T.Execution Date
Month Day Year
 072301999Name (line 2) **Receiving Party**☐ Mark if additional names of receiving parties attachedName (line 1) Cypress Semiconductor CorporationName (line 2) A corporation of DelawareAddress (line 1) 3901 N. First StreetAddress (line 2) Address (line 3) San Jose CA/USA 95134

City

State/Country

Zip Code

☐ If document to be recorded is an assignment and the receiving party is not domiciled in the United States, an appointment of a domestic representative is attached. (Designation must be a separate document from Assignment.)**Domestic Representative Name and Address**

Enter for the first Receiving Party only.

Name Address (line 1) Address (line 2) Address (line 3) Address (line 4) **FOR OFFICE USE ONLY**

Public burden reporting for this collection of information is estimated to average approximately 30 minutes per Cover Sheet to be recorded, including time for reviewing the document and gathering the data needed to complete the Cover Sheet. Send comments regarding this burden estimate to the U.S. Patent and Trademark Office, Chief Information Officer, Washington, D.C. 20231 and to the Office of Information and Regulatory Affairs, Office of Management and Budget, Paperwork Reduction Project (0651-0027), Washington, D.C. 20503. See OMB Information Collection Budget Package 0651-0027, Patent and Trademark Assignment Practice. DO NOT SEND REQUESTS TO RECORD ASSIGNMENT DOCUMENTS TO THIS ADDRESS.

Mail documents to be recorded with required cover sheet(s) information to :
Commissioner of Patents and Trademarks, Box Assignments, Washington, D.C. 20231

Correspondent Name and Address

Area Code and Telephone Number (505) 823-1993

Name Richard A. Bachand

Address (line 1) Bachand Law Office

Address (line 2) 5353 Wyoming Blvd., N.E., Suite 3

Address (line 3) Albuquerque, NM 87109-3132

Address (line 4) USA

Pages

Enter the total number of pages of the attached conveyance document including any attachments.

4

Application Number(s) or Patent Number(s)

☐ Mark if additional numbers attached

Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same property).

Patent Application Number(s)

09136694

09082167

09198747

09051700

Patent Number(s)

5506816

5656837

5789776

5510638

5760644

5892712

5644533

5774400

If this document is being filed together with a new Patent Application, enter the date the patent application was signed by the first named executing inventor.

Month Day Year

Patent Cooperation Treaty (PCT)

Enter PCT application number

only if a U.S. Application Number has not been assigned.

PCT

PCT

PCT

PCT

PCT

PCT

Number of Properties

Enter the total number of properties involved.

12

Fee Amount

Fee Amount for Properties Listed (37 CFR 3.41): \$ 480.00

Method of Payment:
Deposit Account

Enclosed ☒ Deposit Account ☐

(Enter for payment by deposit account or if additional fees can be charged to the account.)

Deposit Account Number:

#

Authorization to charge additional fees:

Yes

☐

No

☒

Statement and Signature

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document. Charges to deposit account are authorized, as indicated herein.

Richard A. Bachand, Reg. No. 25,107

Name of Person Signing

Signature

Date

ASSIGNMENT

WHEREAS, Loren T. Lancaster and Ryan T. Hirose, having residence addresses of 1030 Dark Horse Drive West, Colorado Springs, Colorado 80919, and 4086 Saint Andrews Court, Colorado Springs, Colorado 80909, respectively, have made certain new and useful inventions related to semiconductor non-volatile memory technology; and

WHEREAS, NVX Corporation, having its offices at 900 West Fillmore Street, Colorado Springs, Colorado 80907, owns the entire rights, titles and interest in said inventions, some for which Letter Patents of the United States have issued and others for which it has pending applications for Letters Patents of the United States and of other countries, said issued Letters Patents identified as US Patent numbers 5,506,816, 5,510,638, 5,644,533, 5,656,837, 5,760,644, 5,774,400, 5,789,776, 5,892,712, and said applications identified as PCT/US93/10485, PCT/US95/05392, PCT/US/96/17130, PCT/US98/09086, WO 94/10686, US Application Serial Numbers 09/136,694, 09/198,747, 09/082,167, 09/051,700, Japanese Patent Application Number Hei 6-511377, Korean Patent Application Number 701733/95; and

WHEREAS, CYPRESS SEMICONDUCTOR ("Assignee") whose post office address is 3901 N. First Street San Jose, CA 95134 is desirous of acquiring the entire interest in and to said inventions, said applications, said Letters Patents and the Letters Patents to be obtained therefor;

NOW THEREFORE, for and in consideration of a sum of One Dollar (\$1.00) and certain other good and valuable consideration to NVX Corporation in hand paid, the receipt and sufficiency of which are hereby acknowledged, NVX Corporation by these presents does hereby sell, assign, set over and transfer unto the said Assignee, and said


Assignee's legal representatives, successors, and assigns, the full, entire and exclusive right, title, and interest in and to said inventions, said applications, and said Letters Patents, both foreign and domestic, that exist or may or shall issue thereon and all divisions, reissues, substitutions, continuations, and extensions thereof; and NVX Corporation does hereby authorize and request the Commissioner of Patents and Trademarks to issue all said Letters Patents, and patents resulting therefrom, to the above-mentioned Assignee, as the assignee of the entire rights, titles and interests, consistent with the terms of this Agreement. NVX Corporation also hereby sells and assigns to Assignee, its successors and assigns, its foreign rights to said inventions, in all countries of the world, including the right to file applications and obtain patents under the terms of the International Convention for the Protection of Industrial Property, and of the European Patent Convention.

UPON SAID CONSIDERATION, NVX Corporation, Loren T. Lancaster and Ryan T. Hirose do hereby covenant and agree with the said Assignee that each will not execute any writing or do any act whatsoever conflicting with these presents, and that each will, without further or additional consideration, but at the expense of said Assignee, execute such additional assignments and other writings and do such additional acts as said Assignee may deem necessary or desirable to perfect the Assignee's enjoyment of the grant, and render all reasonable assistance in making application for and obtaining original, divisional, renewal, reissued or extended Letters Patents of the United States, or of any and all foreign countries, on said inventions, and in enforcing any rights in action accruing as a result of such applications or patent, it being understood that the foregoing


covenant and agreement shall bind, and inure to the benefit of, the assigns and legal representatives of each party.

IN WITNESS WHEREOF, NVX Corporation, Loren T. Lancaster and Ryan T. Hirose do hereunto set their hands and affixed their seal on the date hereinafter set forth.

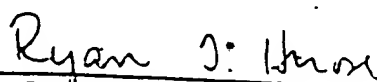
NVX Corporation:

Date: 7/23/99 Signature: 
President, NVX Corporation

Loren T. Lancaster:

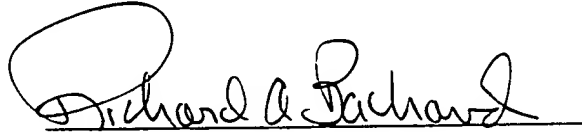
Date: 7/23/99 Signature: 
Loren T. Lancaster

Ryan T. Hirose:

Date: 7/23/99 Signature: 
Ryan T. Hirose

CERTIFICATE

I, Richard A. Bachand, hereby certify that the attached copy of an Assignment from Loren T. Lancaster and Ryan T. Hirose to Cypress Semiconductor, dated 7/23/99, submitted for recording is a true copy of the original assignment document.

A handwritten signature in dark ink, appearing to read "Richard A. Bachand", is written over a horizontal line.

Richard A. Bachand
Reg. No. 25,107

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August 6, 1999